

Converting Colors

CIELCh(27, 20.202, 164.722)

Have a look what the booklet for
CIELCh(27, 20.202, 164.722)
contains.

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Color

CIELCh(27, 19.892, 164.757)

Conversions

Conversions Part 1

Format	Color
Hex	1D4737
RGB	29, 71, 55
RGB Percent	11%, 28%, 22%
CMY	0.8849, 0.7203, 0.7831
CMYK	0.59, 0.00, 0.22, 0.72
HSL	157°, 42%, 20%
HSV	157°, 59%, 28%
XYZ	3.4878, 5.0937, 4.4533
YIQ	56.6180, -19.8960, -13.8800

Conversions

Conversions Part 2

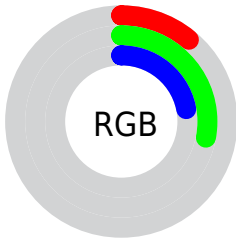
Format	Color
R_{YB}	29, 55, 71
Decimal	1918775
CIE Lab	27.00, -19.19, 5.23
CIE LCh	27, 19.892, 164.757
Yxy	5.0937, 0.2676, 0.3908
Android (android.graphics.Color)	4280108855 (0xFF1D4737)
YUV	56.6180, -0.7977, -24.2210
Hunter-Lab	22.5692, -11.9111, 4.0995




Details

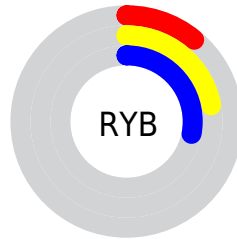
The CIELCh color **27, 19.892, 164.757** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 22.159, 357.299**, and the grayscale version is **24, 0.004, 296.813**.




A 20% lighter version of the original color is **47, 19.912, 164.893**, and **8, 16.444, 153.196** is the 20% darker color. If you saturate the color by 10%, you get **27, 22.666, 163.400**, and if you desaturate by 10%, it is **27, 16.868, 165.980**.

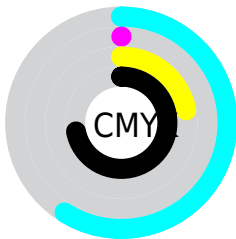
Distribution







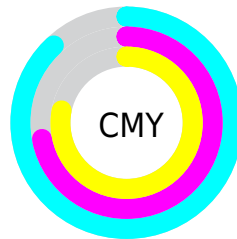
-  Red (11%)
-  Green (28%)
-  Blue (22%)






-  Red (11%)
-  Yellow (22%)
-  Blue (28%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (72%)





-  Cyan (88%)
-  Magenta (72%)
-  Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 19.892, 164.757 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 27, 19.892, 164.757 by changing the saturation by 10% instead.

 27, 19.892,
164.757


 27, 19.892,
164.757

 100, 19.892,
164.757


 17, 19.892,
164.757


 47, 19.892,
164.757


 7, 19.892, 164.757

 57, 19.892,
164.757

 0, 19.892, 164.757

 67, 19.892,
164.757

 77, 19.892,
164.757

 87, 19.892,
164.757

 97, 19.892,

164.757

■ 27, 19.892,
164.757

■ 27, 19.892,
164.757

■ 27, 22.666,
163.400

■ 27, 16.868,
165.980

■ 26, 25.153,
161.894

■ 28, 13.638,
167.090

■ 26, 27.345,
160.244

■ 28, 10.250,
168.103

■ 26, 29.498,
158.761

■ 29, 6.752, 169.039

■ 26, 29.744,
158.609

■ 30, 3.186, 169.928

■ 30, 0.410, 350.131

■ 31, 4.006, 351.344

■ 32, 7.575, 352.069

■ 33, 11.100,
352.739

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27, 19.892, 164.757



18, 22.159, 357.299

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27, 19.892, 164.757



27, 19.892, 214.757



27, 19.892, 344.757



27, 19.892, 34.757

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27, 19.892, 164.756



37, 7.941, 169.055



27, 28.851, 130.570



18, 5.433, 168.921



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27, 19.892, 164.756



35, 28.391, 162.692



26, 13.552, 211.250



14, 2.003, 169.953



37, 38.121, 157.433



80, 71.903, 155.636

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18, 22.159, 357.299



21, 32.071, 0.314



18, 20.436, 33.387



13, 2.038, 351.197



19, 42.409, 10.042



48, 78.116, 14.255

Previews

White Background



This preview shows how the CIELCh color 27, 19.892, 164.757 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 27, 19.892, 164.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 27, 19.892, 164.757

Background



This preview shows how black text looks on a background with the CIELCh color 27, 19.892, 164.757.



This preview shows how white text looks on a background with the CIELCh color 27, 19.892, 164.757.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
27, 19.892, 164.757

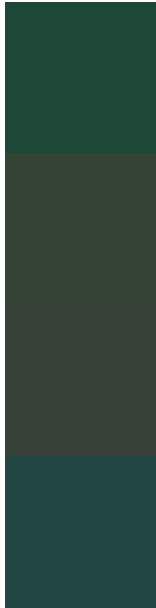
Protanopia
27, 8.528, 98.736

Deuteranopia
27, 5.823, 46.531



Tritanopia
27, 12.494, 212.855

Trichromacy



Original Color
27, 19.892, 164.757

Protanomaly
27, 11.149, 143.282

Deuteranomaly
26, 7.184, 143.727

Tritanomaly
27, 14.000, 189.117

Monochromacy



Original Color
27, 19.892, 164.757

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 7.780, 167.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 19.892, 164.757 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(29, 71, 55)` looks like.

```
.text, #text, p{  
    color:rgb(29, 71, 55)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(29, 71, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 71, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 19.892, 164.757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(29, 71, 55) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(29, 71, 55) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(29, 71, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 71, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 71, 55);  
box-shadow:4px 4px 4px 4px rgb(29, 71, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 19.892, 164.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 71, 55) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(29, 71,  
55) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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